

INcoming
8/047/0043

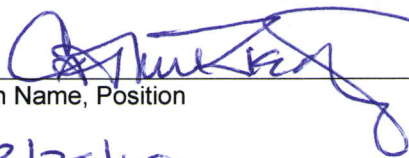
Form MR-REV-SMO (DOGM – Revise/Amend Change Form)
(Revised November 21, 2006)

Application to Revise a Notice of Intention to Commence Small Mining Operations or Exploration

Operator: ZIEGLER CHEMICAL + MINERAL CORP.			
Mine Name: NEAL 4 1/2 NEALS		File Number: E or M/ / 50470063	
Provide a detailed listing of all changes to the Notice that will be required as a result of this change. Individually list all maps and drawings that are to be added, replaced, or removed from the Notice. Include page, section and drawing numbers as part of the description.			
DETAILED SCHEDULE OF CHANGES TO THE NOTICE			
			Description of map, text, or materials to be changed
ADD	REPLACE	REMOVE	PAGE 1
ADD	REPLACE	REMOVE	PAGE 4
ADD	REPLACE	REMOVE	PAGE 5
ADD	REPLACE	REMOVE	PROPOSED MINE PLAN
ADD	REPLACE	REMOVE	NEAL MAP
ADD	REPLACE	REMOVE	NEAL DIRECTION TO SITE MAP
ADD	REPLACE	REMOVE	
ADD	REPLACE	REMOVE	
ADD	REPLACE	REMOVE	

I hereby certify that I am a responsible official of the applicant and that the information contained in this application is true and correct to the best of my information and belief in all respects with the laws of Utah in reference to commitments and obligations, herein.

CATHERINE ZIEGLER
Print Name


Sign Name, Position
VICE PRES

3/25/10
Date

Return to:

State of Utah
Division of Oil, Gas and Mining
Attn: Minerals Regulatory Program
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801
Phone: (801) 538-5291 Fax: (801) 359-3940

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FOR DOGM USE ONLY:	
File #:	M/ /
Approved:	
Bond Adjustment: from (\$)	
to \$	

RECEIVED

MAR 29 2010

DIV. OF OIL, GAS & MINING

This Section for DOGM Use:
Assigned DOGM File No.: S0470063
DOGM Lead: _____
Permit Fee \$ _____ Ck # _____

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
1594 West North Temple Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801
Telephone: (801) 538-5291 Fax: (801) 359-3940

NOTICE OF INTENTION TO COMMENCE SMALL MINING OPERATIONS

The informational requirements of this form are based on provisions of the Mined Land Reclamation Act, Title 40-8, Utah Code Annotated 1987, and the General Rules as promulgated under the Utah Minerals Regulatory Program.

Note on confidentiality: Information provided in the notice of intention relating to the location, size, or nature of the mineral deposit that is clearly marked confidential will be protected as confidential. Each page or map requested to be kept confidential must be stamped or marked as such. The requested confidential information must describe how the confidential material relates to the location size or nature of the mineral deposit; provide a written claim of business confidentiality; and/or include a concise statement of reasons supporting the claim of business confidentiality, unless disclosing the location of explosives or historic, prehistoric, paleontological, or biological resource that must be considered confidential under statute.

"Small Mining Operations" mining operations which have a disturbed area of five or less surface acres at any time.

I. GENERAL INFORMATION (Rule R647-3-104)

1. Name of Mine: NEAL 4 and NEAL 5
2. Legal name of entity (or individual) for whom the permit is being requested: _____
ZIEGLER CHEMICAL + MINERAL CORP.
Mailing Address: 366 N. BROADWAY SUITE 210
City, State, Zip: JERICHO, NY 11753
Phone: 616-681-9600 Fax: 516-681-9604
E-mail Address: Catherineziegler@comcast.net

Type of Business: Corporation ☒ LLC () Sole Proprietorship (dba) ()
Partnership () General _____ or _____ limited
Or:
Individual ()

Entity must be registered (and maintain registration) with the State of Utah, Division of Corporations (DOC) www.commerce.utah.gov.

Are you currently registered to do business in the State of Utah? G ☒ Yes G No

Entity # 586651-0143

If no, contact www.commerce.utah.gov to renew or apply.

Local Business License # 2008227 (if required)

Issued by: County UINTAH or City RECEIVED

MAR 29 2010

DIV. OF OIL, GAS & MINING

II. **PROJECT LOCATION & MAP** (Rule R647-3-105)

1. **Project Location & Map** (legal description):

County(ies): VINTAH COUNTY
____ 1/4, of SE 1/4, of SE 1/4: Section: 32 Township: 11S Range: 24E
____ 1/4, of ____ 1/4, of ____ 1/4: Section: ____ Township: ____ Range: ____
____ 1/4, of ____ 1/4, of ____ 1/4: Section: ____ Township: ____ Range: ____

UTM East _____ (if known) UTM North _____ (if known)

Name of Quad Map for Location: Archy Bench SE QUADRANGLE + RAINBOW QUAD.

2. **Location and Operations maps** must be plotted at a scale to accurately identify locational landmarks and operations details. All maps must include a north arrow, scale, appropriate labels, and title box including the mine name, township, range and section.
- a. The **general location map** must be the scale of a USGS 7.5 minute series map or equivalent (1"=2000') and identify new or existing access roads.
 - b. The **operations map** (1"=200' or other scale as determined necessary by the Division) must be labeled and identify:
 - i. The area to be disturbed;
 - ii. The location of any existing or proposed operations including access roads, drill holes, trenches, pits, shafts, cuts, or other planned activities; and
 - iii. Any adjacent previous disturbance for which the operator is not responsible.(Contact the Division for a list of consultants and land surveyors for mapping assistance.)
3. The proposed (5 acre or less) disturbed area (including access/haul roads) should be marked in the field ON THE GROUND with metal T-Posts (or with some other marker of equal effectiveness). Markers should be appropriately spaced so that the next marker in either direction is clearly visible with the naked eye.

III. **OPERATION PLAN** (Rule R647-3-106)

1. **Type of mining:** Surface ☐ Underground ☒
2. **Mineral(s) to be mined:** GILSONITE
3. **Amount of material** to be extracted, moved, or proposed to be moved: _____
5,000 - 10,000 TONS
4. Will any **water, liquid chemicals, reagents, or other solutions** be used, produced or discharged as part of the mining or milling process?
Yes ☐ No ☒ If yes, please describe (add extra pages if needed) _____

5. Provide a brief **description of the proposed mining operation** and onsite processing facilities (add extra pages if necessary).

SEE ATTACHED "PROPOSED MINE PLAN"

6. ☒ **New Road(s):** Length NEAL 4 1800 (ft) Width 16 (ft)

Length NEAL 5 600 ft Width 16 ft

7. ☐ **Improved Road(s):** Provide a description of the improvements that need to be made to existing roads to access the site, including the Length _____ (ft) and Width _____ (ft) of new disturbances.

8. Total project surface **acreage to be disturbed:** NEAL 4 .93676 (acres) PLEASE SPECIFY EXACT ACREAGE - (this will be used to determine surety bond amount - see #VI).

9. Proposed **startup date** (month, year) NEAL 5 April 2010

10. Proposed **completion date**, if known (month, year) DEC. 2014

IV. OPERATION AND RECLAMATION PRACTICES (Rule R647-3-107, 108 & 109)

The reclamation and operation obligation is to keep the area clean and safe, minimize hazards to public safety, return the land to a useful condition, and reestablish at least 70 percent of the premining vegetative ground cover or within practical limits. To accomplish this, the Permittee / Operator will need to perform reclamation concurrently, or at the completion (within one (1) year) of mining. Please refer to The Practical Guide to Reclamation in Utah, available at https://fs.ogm.utah.gov/pub/MINES/Coal_Related/RecMan/Reclamation_Manual.pdf.

1. *Keep the mining operation in a safe, clean, and environmentally stable condition.*
2. *Permanently seal all shafts and tunnels to prevent unauthorized or accidental entry.*
3. *Plug drill holes with a five foot cement surface plug. Holes that encounter fluids are to be plugged in the subsurface to prevent aquifer contamination.*
4. *Construct berms, fences, or barriers, when needed, above highwalls and excavations.*
5. *Remove, isolate, or neutralize all toxic materials in a manner compatible with federal and state regulations.*
6. *Remove all waste or debris from stream channels.*
7. *Dispose of any trash, scrap metal, wood, machinery, and buildings.*
8. *Conduct mining activities so as to minimize erosion and control sediment.*
9. *Reclaim all roads that are not part of a permanent transportation system.*
10. *Stockpile topsoil and suitable overburden prior to mining.*